CHP-9K250M-4444-S is a complete solid state microwave power amplifier module that features high efficiency, high output power and wide dynamic range. It is based on advanced microwave device technology and provides long-term reliability and high ruggedness.

Features:

- 9 KHz-250 MHz ultra-broadband
- Output P1dB： 25W Min
- High efficiency, High reliability and ruggedness
- Built-in protection circuits

Electrical Specifications:

Frequency:	9 KHz -250 MHz
Power Gain:	44 dB Min
Gain Flatness:	±1 dB Max
Output P1dB:	25W Min
Harmonics:	-20 dBc Max
Non Harmonics Spurious:	-65 dBc Max
Input Power:	+3 dBm Max
Input Return Loss:	10 dB Min
Output Return Loss:	10 dB Typ
AC Voltage:	AC85V to 250V

Mechanical Specifications:

Parameter	Specification
Dimensions WxHxD	320*350*149 mm
RF Connectors In/Out	N-F
Weight	15 kg
Cooling	Forced Air Cooling

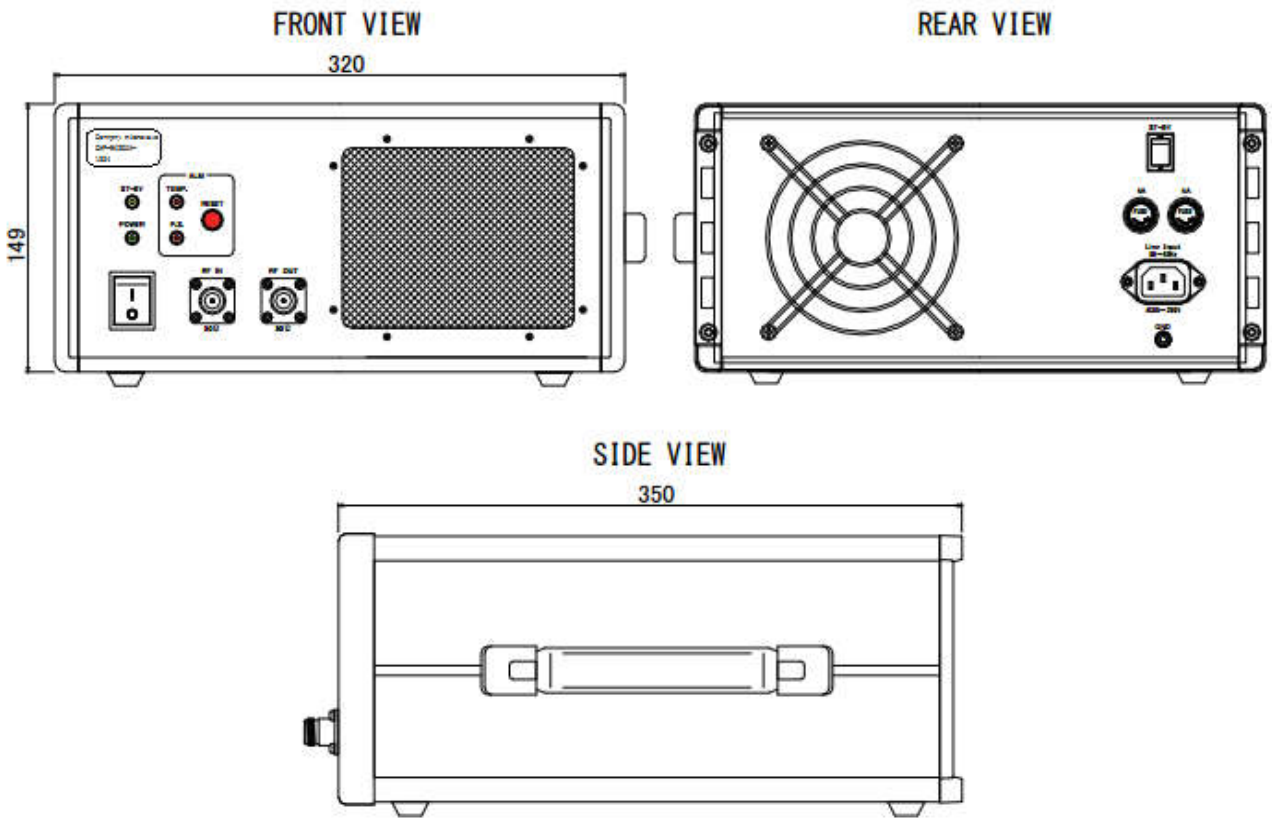
Environmental Ratings:

Temperature:	0ºC to +40 ºC Operating
	-15 ºC to +65 ºC Non-Operating
Vibration:	MIL-STD-202F, Method 204D Cond. B
Altitude:	MIL-STD-202F, Method 105C Cond. B
Temperature Cycle:	MIL-STD-202F, Method 107D Cond. A

SOLID STATE HIGH POWER AMPLIFIER
CHP-9K250M-4444-S

DRAWN:	DWG NO.:	REV CODE: Rev.1.0	CONNPHY Microwave Inc. www.connphy.com sales@connphy.com
CHECKRD:	DATE: 14/05/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Mechanical Outline (mm):



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